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1-16. (CANCELED)

17. (NEW) A secure operation mechanism (10, 10') for an electrical shutdown device (1, 1') housed within a cabinet (4) which is closed by a door (5), the shutdown device (1, 1') being moveable between a disengaged position (0 position) and an engaged position (1 position) by shifting of a control shaft (6, 6') attached to a principal handle (7) mounted to the door (5) so as to be accessible from outside the cabinet (4) when the door (5) is closed;

wherein the secure operation mechanism (10, 10') comprises a secondary handle (11, 11') attached to the control shaft (6, 6') so as to be accessible from inside the cabinet (4) in order to switch the shutdown device (1, 1') between the disengaged and the engaged positions (0 and 1 positions) when the door (5) is open, and a locking mechanism is attached to the control shaft (6, 6') and is positioned to be moveable between a locked position, in which the locking mechanism prevents switching of the shutdown device (1, 1') via movement the secondary handle (11, 11') when the door (5) is open, and an unlocked position, in which switching of the shutdown device (1, 1') is permitted via a pushing movement of the secondary handle (11, 11'), when the door (5) is open, and via a corresponding pushing movement of the principal handle (7), when the door (5) closed.

18. (NEW) A secure operation mechanism (10, 10') for an electrical shutdown device (1, 1') housed within a cabinet (4) which is closed by a door (5), the shutdown device (1, 1') being moveable between a disengaged position (0 position) and an engaged position (1 position) by shifting of a control shaft (6, 6') attached to a principal handle (7) mounted to the door (5) so as to be accessible from outside the cabinet (4) when the door (5) is closed;

wherein the secure operation mechanism (10, 10') comprises a secondary handle (11, 11') attached to the control shaft (6, 6') so as to be accessible from inside the cabinet (4) in order to switch the shutdown device (1, 1') between the disengaged and the engaged positions (0 and 1 positions) when the door (5) is open, and a locking means is attached to the control shaft (6, 6') and is positioned to be moveable between a locked position and an unlocked position; and

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the locking means moves between the locked position to the unlocked position, when the door (5) is open, by manual action of the secondary handle (11, 11') and the control shaft (6, 6') a predefined distance (C) along direction (P) and returns from the unlocked position to the locked position automatically through action of a return mechanism (13, 13') acting on the control shaft (6, 6').

19. (NEW) The secure operation mechanism of claim 18, wherein the locking means has at least one fixed locking mechanism mounted on the shutdown device (1, 1') and a mobile locking mechanism mounted on the control shaft (6, 6') so as to extend in a direction of the fixed locking mechanism and operate in conjunction with mobile locking mechanism, at least in the locked position.

20. (NEW) The secure operation mechanism of claim 19, wherein the fixed locking mechanism includes a plate (17, 17') with at least one opening (18, 18') defining at least one lock zone (18a, 18'a) and at least one unlock zone (18b, 18'b) and the mobile locking mechanism has at least one stub (15, 15') that engages with the lock zone (18a, 18'a) to prevent the control shaft (6, 6') from being switched, and is rotatable in the unlock zone (18b, 18'b) to enable switching of the control shaft (6, 6').

21. (NEW) The secure operation mechanism of claim 20, wherein the lock zone (18a, 18'a) extends substantially parallel to the control shaft (6, 6') for a length which determines the predefined distance (C) and the unlock zone (18b, 18'b) extends substantially perpendicular to the control shaft (6, 6') for a length corresponding at least to an angular displacement followed by the control shaft (6, 6') when switching the shutdown device (1, 1').

22. (NEW) The secure operation mechanism of claim 20, wherein the mobile locking mechanism has a plate (14, 14') that is lengthened by the stub (15, 15').

23. (NEW) The secure operation mechanism of claim 22, wherein the plate (14, 14') has at least one opening (14a, 14'a) positioned to receive at least one padlock for locking the shutdown device (1, 1') in the disengaged position (0 position).

24. (NEW) The secure operation mechanism of claim 18, wherein the return mechanism (13) is mounted along an axis of the control shaft (6).

25. (NEW) An electrical shutdown device (1, 1') housed within a cabinet (4), which is closed by a door (5), the shutdown device (1, 1') being moveable between a

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disengaged position (0 position) and an engaged position (1 position), the shut down device comprising a control shaft (6, 6') attached to a principal handle (7) mounted on the door (5) so as to be accessible from outside the cabinet (4) when the door (5) is closed;

wherein the electrical shutdown device (1, 1') includes a secure operation mechanism (10, 10') equipped with a secondary handle (11, 11') attached to the control shaft (6, 6') so as to be accessible from inside the cabinet (4) for switching the shutdown device (1, 1') between the disengaged and the engaged positions (0 and 1 positions) when the door (5) is open, and a locking means attached to the control shaft (6, 6') and positioned to be moveable between a locked position, in which the locking means prevents switching of the shutdown device (1, 1') via movement the secondary handle (11, 11') when the door (5) is open, and an unlocked position, in which switching of the shutdown device (1, 1') is permitted via a pushing movement of the secondary handle (11, 11'), when the door (5) is open, and via a corresponding pushing movement of the principal handle (7), when the door (5) closed.

26. (NEW) The shutdown device of claim 25, wherein the locking means moves between the locked position, to the unlocked position when the door (5) is open, by manual action of the secondary handle (11, 11') and the control shaft (6, 6') a predefined distance (C) along direction (P) and returns from the unlocked position to the locked position automatically through action of a return mechanism (13, 13') acting on the control shaft (6, 6').

27. (NEW) The shutdown device of claim 26, wherein the locking means includes at least one fixed locking mechanism mounted to the shutdown device (1, 1') and at least one mobile locking mechanism mounted to the control shaft (6, 6') so as to extend in a direction of the fixed locking mechanism and operate in conjunction with the mobile locking mechanism, at least in the locked position.

28. (NEW) The shutdown device of claim 27, wherein the fixed locking mechanism includes a plate (17, 17') with at least one opening (18, 18') defining at least one lock zone (18a, 18'a) and at least one unlock zone (18b, 18'b); and the mobile locking mechanism has at least one stub (15, 15') that engages with the lock

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zone (18a, 18'a) to prevent the control shaft (6, 6') from switching, and is rotatable in the unlock zone (18b, 18'b) to enable switching of the control shaft (6, 6').

29. (NEW) The shutdown device of claim 28, wherein the lock zone (18a, 18'a) extends substantially parallel to the control shaft (6, 6') for a length which determines the distance (C), and the unlock zone (18b, 18'b) extends substantially perpendicular to the control shaft (6, 6') for a length corresponding at least to an angular displacement followed by the control shaft (6, 6') for switching of the shutdown device (1, 1')

30. (NEW) The shutdown device of claim 28, wherein the mobile locking mechanism has a plate (14, 14') that is lengthened by the stub (15, 15').

31. (NEW) The shutdown device of claim 30, wherein the plate (14, 14') has at least one opening (14a, 14'a) positioned to receive at least one padlock for locking the shutdown device (1, 1') in the disengaged position (0 position).

32. (NEW) The shutdown device of claim 26, wherein the return mechanism (13) is mounted along an axis of the control shaft (6).